



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Helen Strekalova et al.

Serial No.: 10/645,930

Art Unit:

Filed: August 22, 2003

Examiner:

For: **METHODS FOR DIAGNOSING DEMENTIA-RELATED
NEUROLOGICAL DISORDERS**

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION
OR WITH A RULE 1.114 RCE APPLICATION)

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO/SB/08A(s), attached hereto.

II. COPIES (check at least one box)

- a. Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

- b. Some or all of the documents listed on the PTO/SB/08A are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. **CONCISE EXPLANATION OF THE RELEVANCE**
(check at least one box)

a. **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):
(check one box)

a. within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's and CPA's).

b. within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.

c. concurrently with the filing of a Continued Prosecution Application under 37 C.F.R. § 1.53(d) or concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.

d. before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
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before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

a. No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
or

b. See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

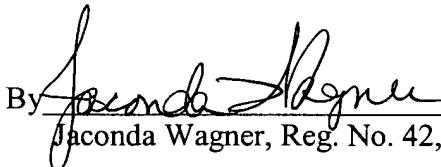
VII. PAYMENT OF FEES (check one box)

- A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- Please charge Deposit Account No. 02-1666 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-1666.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-1666 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

By 
Jacinda Wagner, Reg. No. 42,207

Date: November 24, 2003

Becton, Dickinson and Company
1 Becton Drive, MC 089
Franklin Lakes, New Jersey 07417
(201) 847-6659

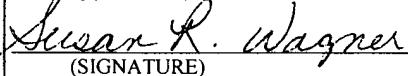
Enclosures: PTO/SB/08A
 Documents
 Foreign Search Report
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 Other:

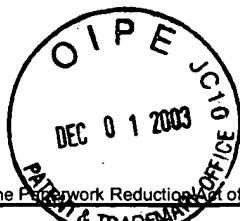
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BY: SUSAN R. WAGNER

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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/645,930
Filing Date	August 22, 2003
First Named Inventor	Helen Strekalova et al.
Art Unit	
Examiner Name	
Attorney Docket Number	P-5759

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

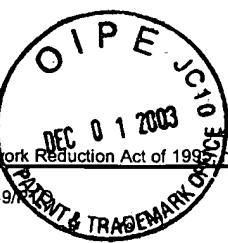
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		WO 98/40748	09-17-1998	Harrington	
		EP 0 544 942 A1	06-09-1993	Mandelkow	
		EP 0 474 190 A1	03-11-1992	Navaratnam	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3 Attorney Docket Number P-5759

Compl t if Known

Application Number 10/645,930

Filing Date August 22, 2003

First Named Inventor Helen Strekalova et al.

Art Unit

Examiner Name

NON PATENT LITERATURE DOCUMENTS

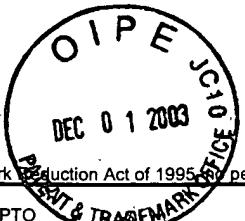
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MASSARO, et al., "Cerebrospinal Fluid Markers in Multiple Sclerosis: An Overview", Multiple Sclerosis, (1998), 1-4, 4.	
		POLTORAK et al., "Disturbances in Cell Recognition Molecules (N-CAM and L1 antigen) in the CSF of Patients with Schizophrenia", Exp. Neurol., (1995), 266-72, 131:2.	
		POLTORAK et al., "Increased Neural Cell Adhesion Molecule in the CSF of Patients with Mood Disorder", J. Neurochem., (1996), 1532-8, 66:4.	
		POLTORAK et al., "Monozygotic twins discordant for schizophrenia are discordant for N-CAM and L1 in CSF", Brain Res., (1997), 152-4, 751:1.	
		VAN KAMMEN et al., "Further Studies of Elevated Cerebrospinal Fluid Neuronal Cell Adhesion Molecule in Schizophrenia", Biol. Psychiatry., (1998), 680-6, 43:9.	
		VAWTER et al., "Abnormal Expression of Cell Recognition Molecules in Schizophrenia", Exp. Neurol., (1998), 424-32, 149:2.	
		VAWTER et al., "CSF N-CAM in neuroleptic-naive first-episode patients with schizophrenia", Schizophr. Res., (1998), 123-31, 34:3.	
		VAWTER et al., "VASE-Containing N-CAM Isoforms Are Increased in the Hippocampus in Bipolar Disorder but Not Schizophrenia", Exp. Neurol., (1998), 1-11, 154:1.	
		VAWTER et al., "Elevated concentration of N-CAM VASE isoforms in schizophrenia", J. Psychiatr. Res., (2000), 25-34, 34:1.	
		VAWTER et al., "Characterization of Human Cleaved N-Cam and Association With Schizophrenia", Exp. Neurol., (2001), 29-46, 172:1.	

Examiner Signature	Date Considered

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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/645,830
				Filing Date	August 22, 2003
				First Named Inventor	Helen Strekalova et al.
				Art Unit	
				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	P-5759

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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